

Official

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343530In the claims:

1. (Original) A client-server network for managing internet protocol voice data packets comprising:
  - (a) a client terminal, for receiving internet protocol voice data packets from a caller;
  - (b) a graphical display, for conveying information to a client terminal user;
  - (c) a client terminal controller, for controlling the client terminal;
  - (d) a terminal proxy server, responsive to internet protocol control data packets, for sending synchronized signals to the client terminal and the client terminal controller to notify a client terminal user of the incoming voice data packets, the client terminal controller, in response to a synchronized signal, adapted to retrieve information about the incoming caller and convey the information to the client terminal user on the graphical display; and
  - (e) a graphical user interface, for receiving instructions from a client terminal user, the client terminal controller, in response to the instructions received from the user through the graphical user interface, adapted to perform at least one call management task on the voice data packets.
2. (Original) The client-server network of claim 1 in which the call management task includes connecting the voice data packets to one of the client terminal and a voice mail storage device.
3. (Original) The client-server network of claim 1 further including a database and wherein the client terminal controller is adapted to retrieve the information from the database;
4. (Original) The client-server network of claim 3 in which the database comprises an address book.
5. (Original) The client-server network of claim 4 in which the database comprises a Lightweight Directory Access Protocol server.

6. (Original) The client-server network of claim 1 in which the client terminal comprises an internet protocol telephone.
7. (Original) The client server network of claim 1 in which the client terminal comprises a set top box.
8. (Original) The client server network of claim 7 in which the graphical display comprises a television screen.
9. (Original) The client-server network of claim 1 in which the graphical display comprises a computer screen display.
10. (Original) The client-server network of claim 9 in which the client terminal comprises a personal computer.
11. (Original) The client-server network of claim 1 in which the client terminal comprises an internet protocol gateway for converting the voice data packets to voice signals and a telephone for receiving the voice signals.

Claims 12-18 (withdrawn)

19. (Original) A client-scrver network for managing internet protocol voice data packets comprising:
  - (a) a client terminal, for receiving internet protocol voice data packets from a caller;
  - (b) a graphical display, for conveying information to a client terminal user;
  - (c) a client terminal controller, for controlling the client terminal;
  - (d) a terminal proxy server, responsive to internet protocol control data packets, for sending a signal to the client terminal controller to notify a client terminal user of the incoming voice data packets, the client terminal controller, in response to the signal, adapted to retrieve information about the incoming caller and convey the information to the client terminal user on the graphical display; and

- (c) a graphical user interface, for receiving instructions from a client terminal user, the client terminal controller, in response to the instructions received from the user through the graphical user interface, adapted to perform at least one call management task on the voice data packets.